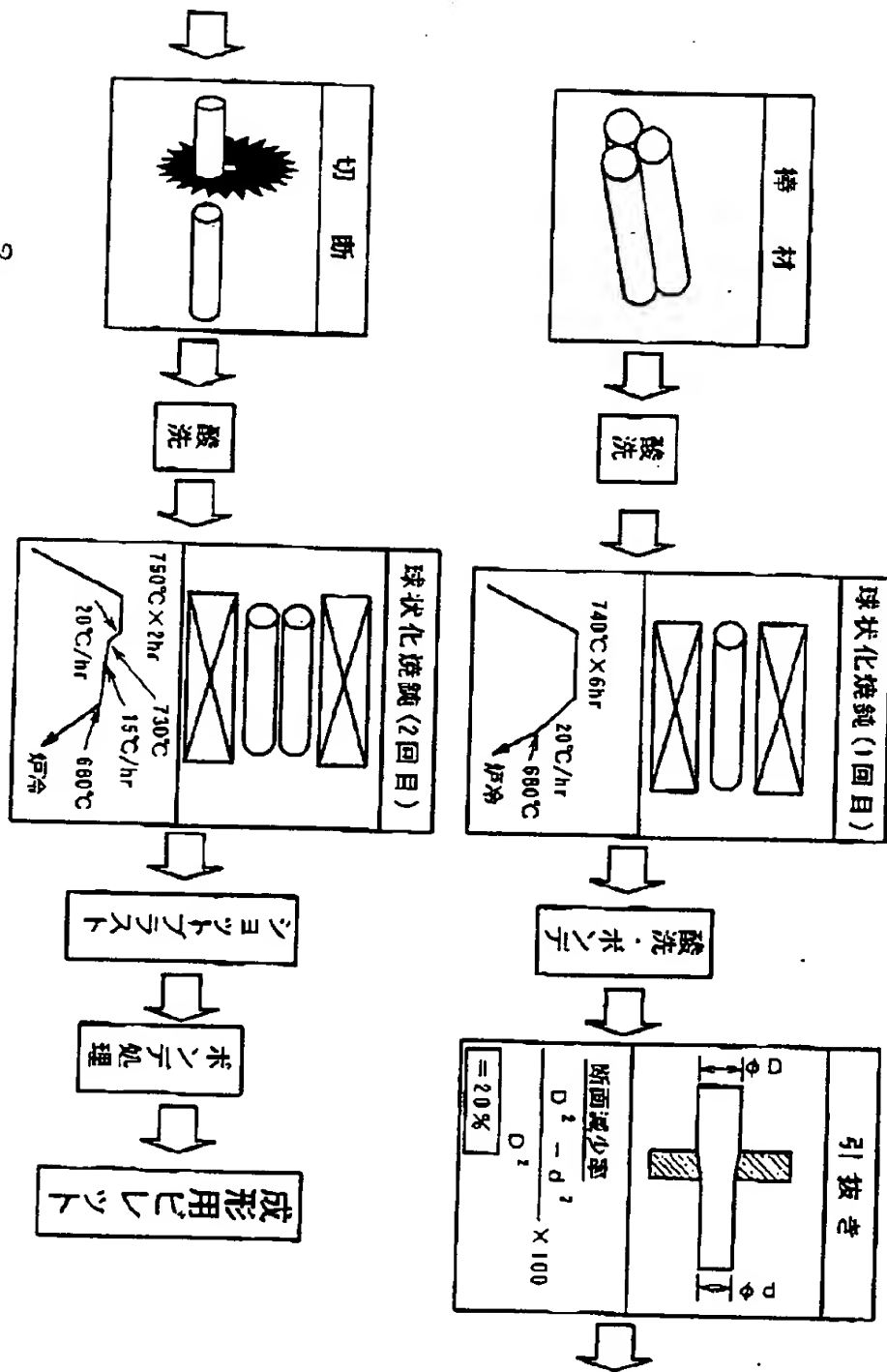


FIG. 1

H0990439

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drawings  
filed  
8/25/00



00575249-00000000

TGS

FIG. 2

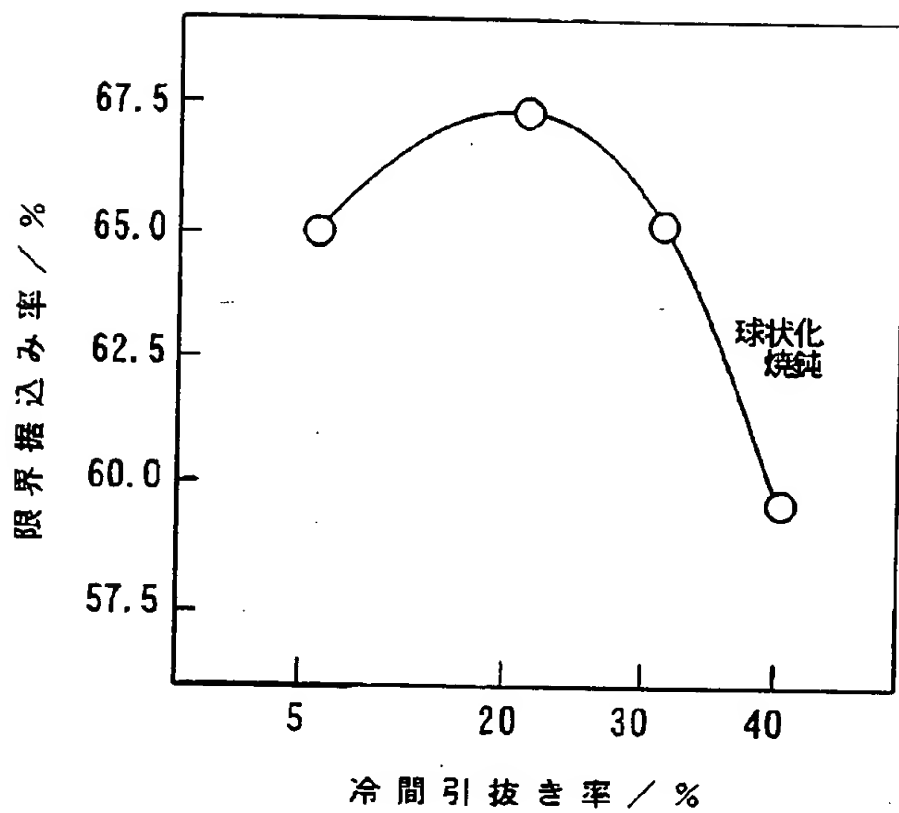
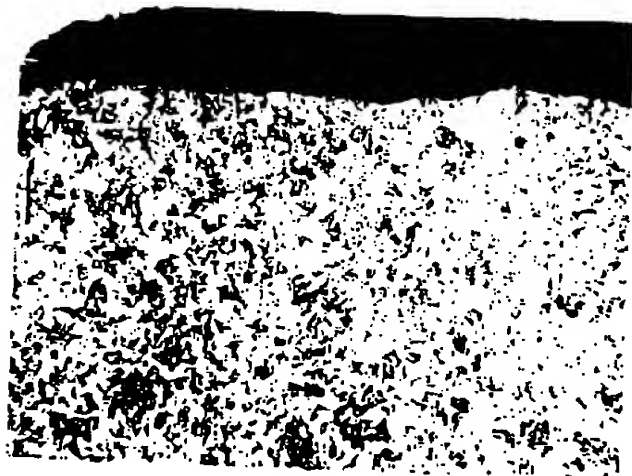
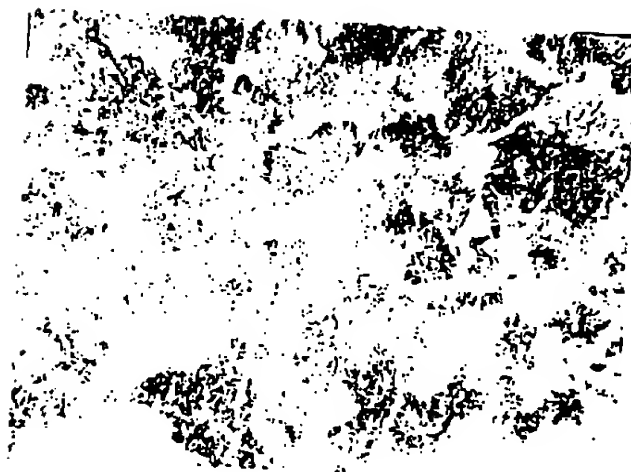


FIG. 3



(a)



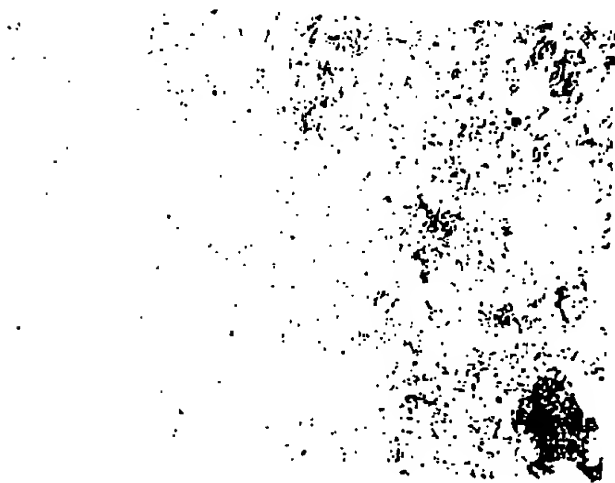
(b)

006750-012560

FIG. 4



(a)



(b)

000750-84E52500

FIG. 5



(a)



(b)

006450-045/500

FIG. 6

(A) 材料1

アスペクト比 = 506%



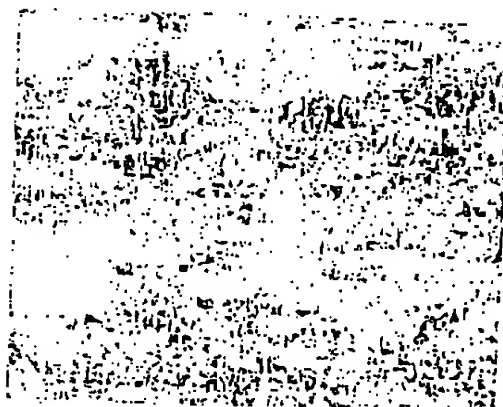
(B) 材料2

アスペクト比 = 347%



(C) 材料3

アスペクト比 = 300%



000050-04E5/560

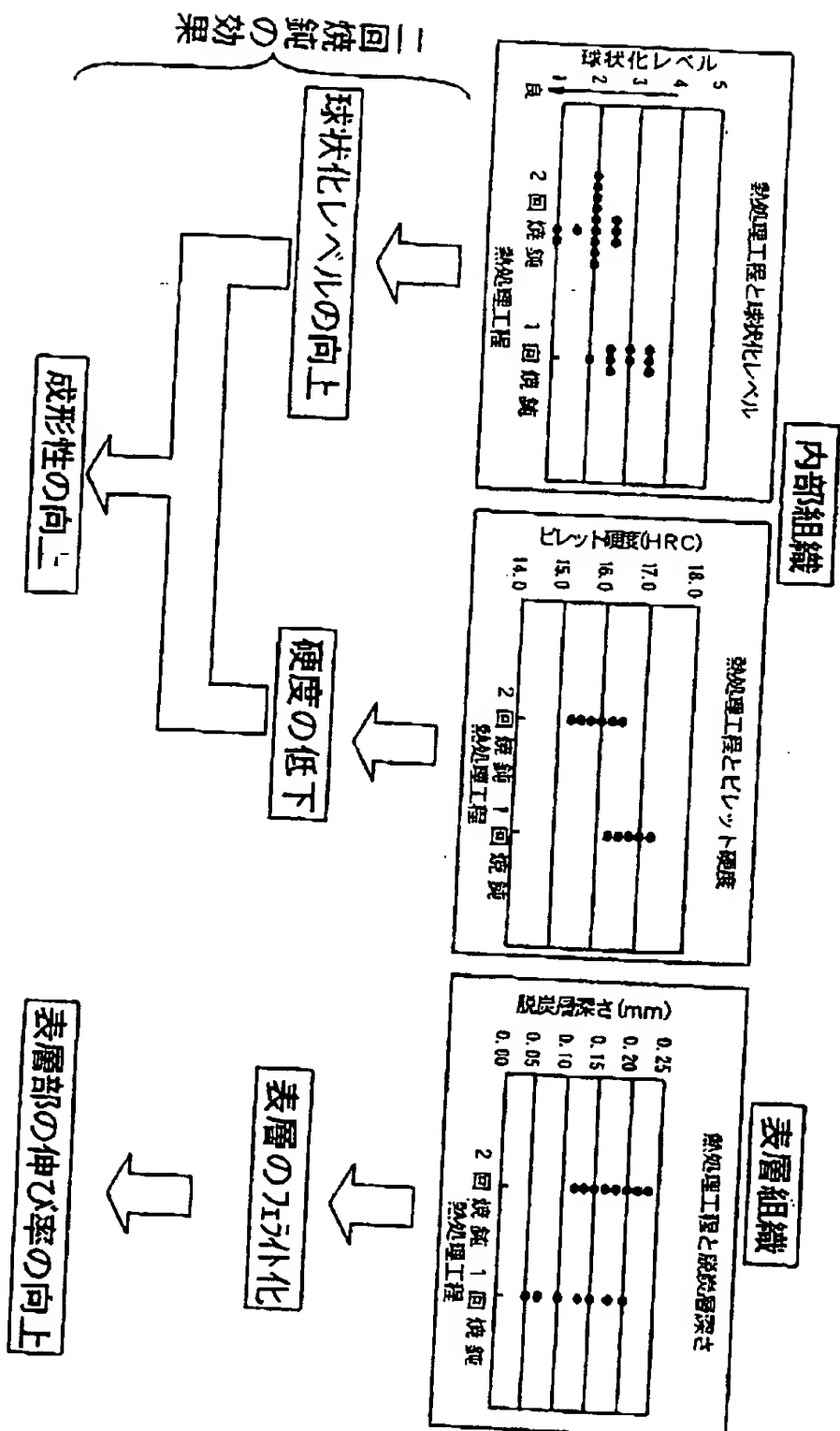
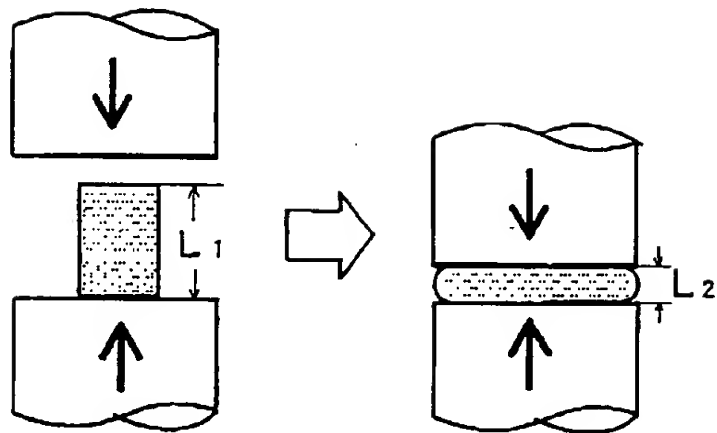
[illegible]

FIG. 8



000000-000000



006750 054900

FIG. 9

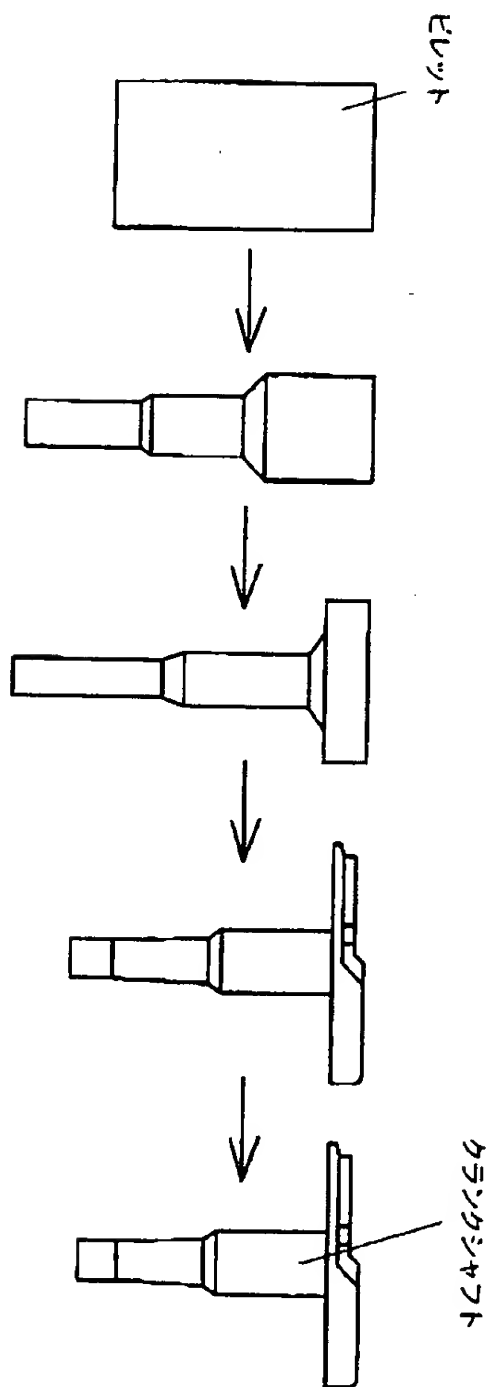
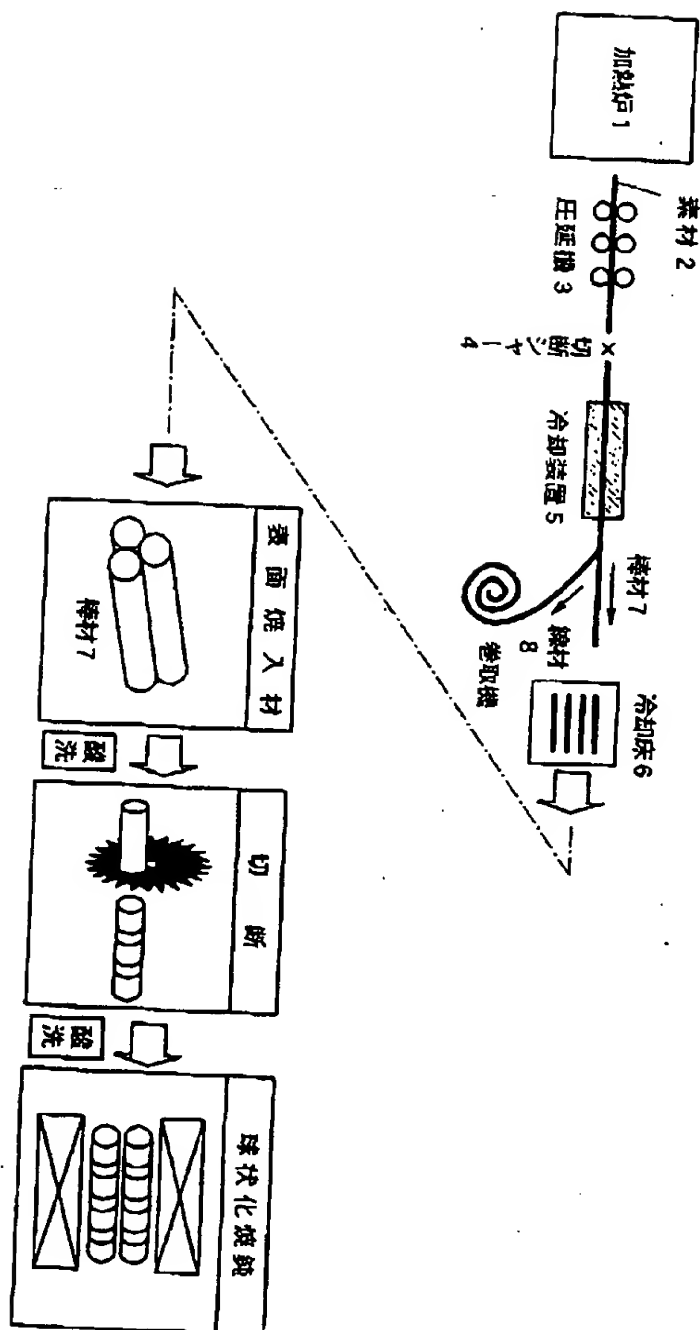


FIG. 10

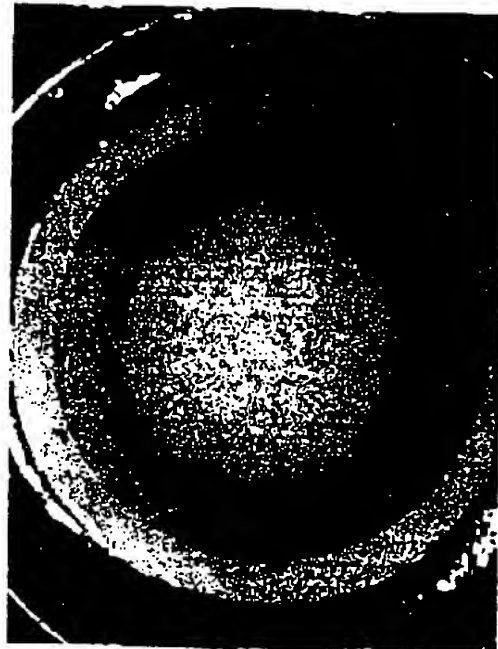


00575349-00000000

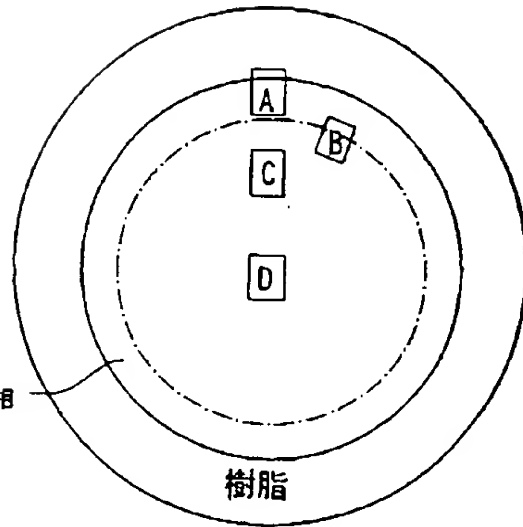
項目	単位	数量	金額	備考
1. 材料費	円	100.00	100.00	
2. 労務費	円	200.00	200.00	
3. 経費	円	50.00	50.00	
4. 雑費	円	10.00	10.00	
5. 減価償却費	円	20.00	20.00	
6. 繰上償還金	円	0.00	0.00	
7. 繰上償還金	円	0.00	0.00	
8. 繰上償還金	円	0.00	0.00	
9. 繰上償還金	円	0.00	0.00	
10. 繰上償還金	円	0.00	0.00	
11. 繰上償還金	円	0.00	0.00	
12. 繰上償還金	円	0.00	0.00	
13. 繰上償還金	円	0.00	0.00	
14. 繰上償還金	円	0.00	0.00	
15. 繰上償還金	円	0.00	0.00	
16. 繰上償還金	円	0.00	0.00	
17. 繰上償還金	円	0.00	0.00	
18. 繰上償還金	円	0.00	0.00	
19. 繰上償還金	円	0.00	0.00	
20. 繰上償還金	円	0.00	0.00	
21. 繰上償還金	円	0.00	0.00	
22. 繰上償還金	円	0.00	0.00	
23. 繰上償還金	円	0.00	0.00	
24. 繰上償還金	円	0.00	0.00	
25. 繰上償還金	円	0.00	0.00	
26. 繰上償還金	円	0.00	0.00	
27. 繰上償還金	円	0.00	0.00	
28. 繰上償還金	円	0.00	0.00	
29. 繰上償還金	円	0.00	0.00	
30. 繰上償還金	円	0.00	0.00	
31. 繰上償還金	円	0.00	0.00	
32. 繰上償還金	円	0.00	0.00	
33. 繰上償還金	円	0.00	0.00	
34. 繰上償還金	円	0.00	0.00	
35. 繰上償還金	円	0.00	0.00	
36. 繰上償還金	円	0.00	0.00	
37. 繰上償還金	円	0.00	0.00	
38. 繰上償還金	円	0.00	0.00	
39. 繰上償還金	円	0.00	0.00	
40. 繰上償還金	円	0.00	0.00	
41. 繰上償還金	円	0.00	0.00	
42. 繰上償還金	円	0.00	0.00	
43. 繰上償還金	円	0.00	0.00	
44. 繰上償還金	円	0.00	0.00	
45. 繰上償還金	円	0.00	0.00	
46. 繰上償還金	円	0.00	0.00	
47. 繰上償還金	円	0.00	0.00	
48. 繰上償還金	円	0.00	0.00	
49. 繰上償還金	円	0.00	0.00	
50. 繰上償還金	円	0.00	0.00	
51. 繰上償還金	円	0.00	0.00	
52. 繰上償還金	円	0.00	0.00	
53. 繰上償還金	円	0.00	0.00	
54. 繰上償還金	円	0.00	0.00	
55. 繰上償還金	円	0.00	0.00	
56. 繰上償還金	円	0.00	0.00	
57. 繰上償還金	円	0.00	0.00	
58. 繰上償還金	円	0.00	0.00	
59. 繰上償還金	円	0.00	0.00	
60. 繰上償還金	円	0.00	0.00	
61. 繰上償還金	円	0.00	0.00	
62. 繰上償還金	円	0.00	0.00	
63. 繰上償還金	円	0.00	0.00	
64. 繰上償還金	円	0.00	0.00	
65. 繰上償還金	円	0.00	0.00	
66. 繰上償還金	円	0.00	0.00	
67. 繰上償還金	円	0.00	0.00	
68. 繰上償還金	円	0.00	0.00	
69. 繰上償還金	円	0.00	0.00	
70. 繰上償還金	円	0.00	0.00	
71. 繰上償還金	円	0.00	0.00	
72. 繰上償還金	円	0.00	0.00	
73. 繰上償還金	円	0.00	0.00	
74. 繰上償還金	円	0.00	0.00	
75. 繰上償還金	円	0.00	0.00	



FIG. 12

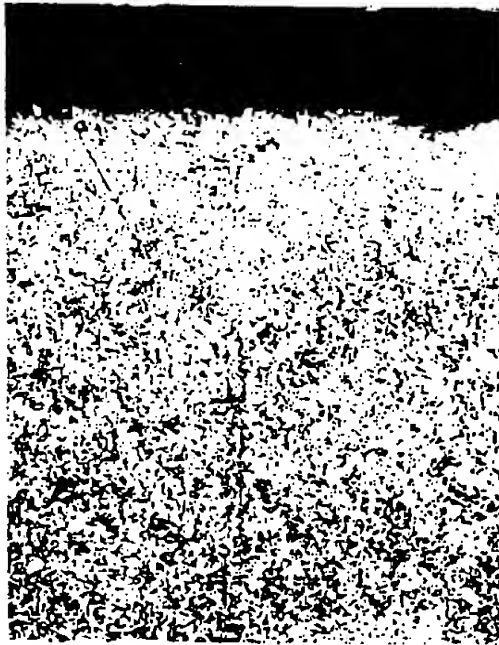


(a) マルテンサイト化材  
球状化焼鈍前  
× 2.1



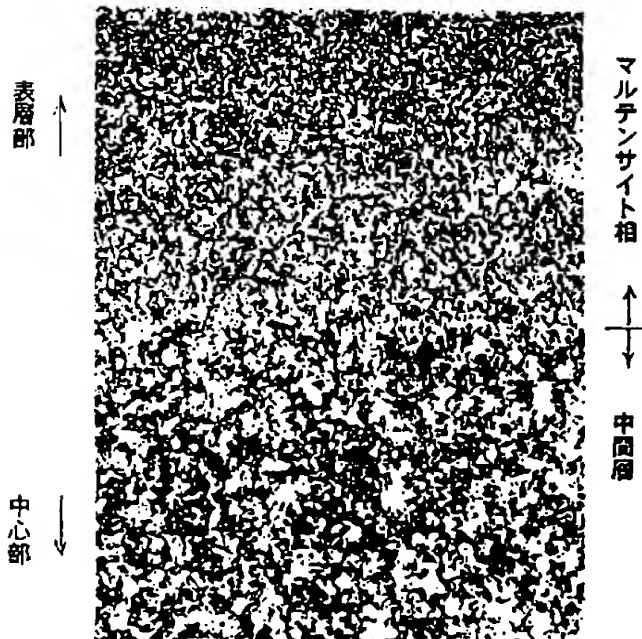
(b)

FIG. 13



球状化焼鈍前  
表層部  $\times 100$

FIG. 14



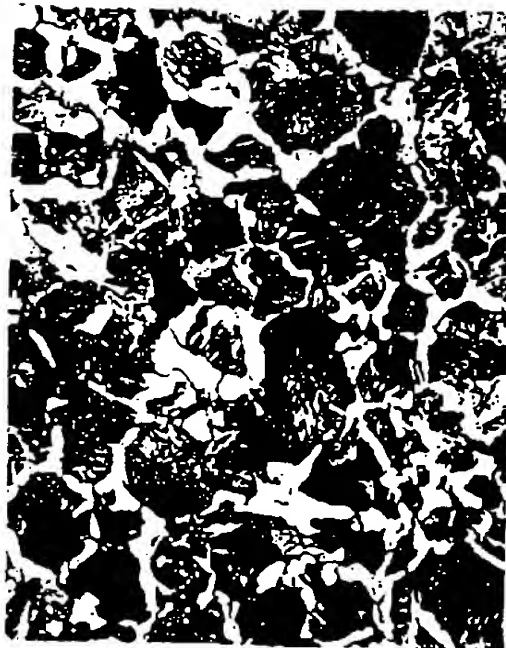
球状化焼鈍前  
表層部と中間層  $\times 200$

FIG. 15



球状化焼鈍前  
1/2 R部 × 400

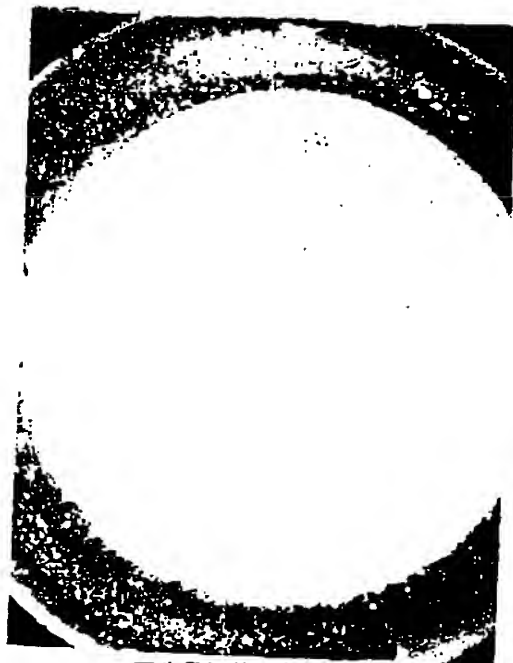
FIG. 16



球状化焼鈍前  
中心部 × 400

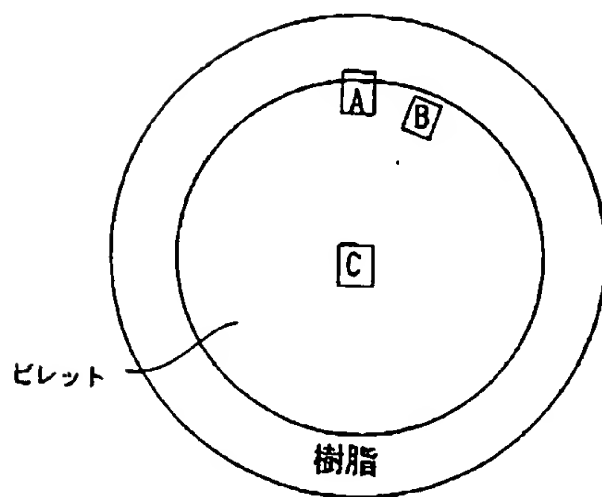
000150-542500

FIG. 17



マルテンサイト化材  
球状化焼鈍パターン1後  
x 2, 1

(a)



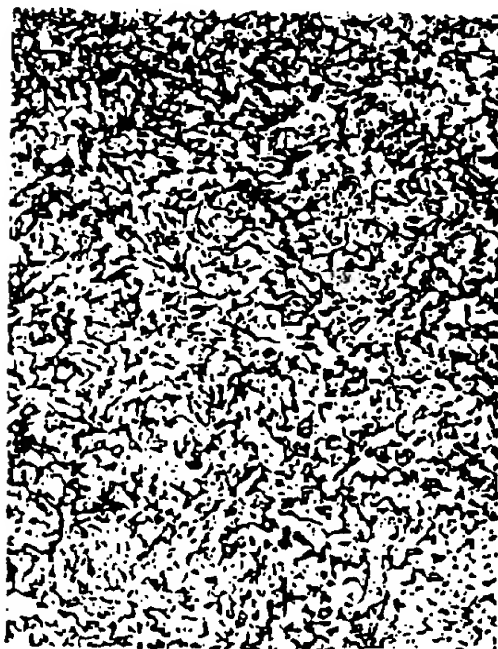
(b)

FIG. 18



球状化焼鈍パターン1後  
表層部×100

FIG. 19



球状化焼鈍パターン1後  
表層部×400



Case	Age	Sex	Occupation	Duration of illness	Site of lesion	Pathological changes	Microscopic findings	Diagnosis
1	45	Male	Farmer	10 years	Brain	Chronic	Microscopic	Chronic
2	55	Female	Housewife	5 years	Brain	Chronic	Microscopic	Chronic
3	65	Male	Teacher	15 years	Brain	Chronic	Microscopic	Chronic
4	75	Female	Retiree	20 years	Brain	Chronic	Microscopic	Chronic
5	85	Male	Farmer	25 years	Brain	Chronic	Microscopic	Chronic
6	95	Female	Housewife	30 years	Brain	Chronic	Microscopic	Chronic
7	105	Male	Farmer	35 years	Brain	Chronic	Microscopic	Chronic
8	115	Female	Housewife	40 years	Brain	Chronic	Microscopic	Chronic
9	125	Male	Farmer	45 years	Brain	Chronic	Microscopic	Chronic
10	135	Female	Housewife	50 years	Brain	Chronic	Microscopic	Chronic

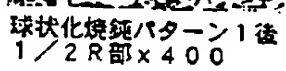
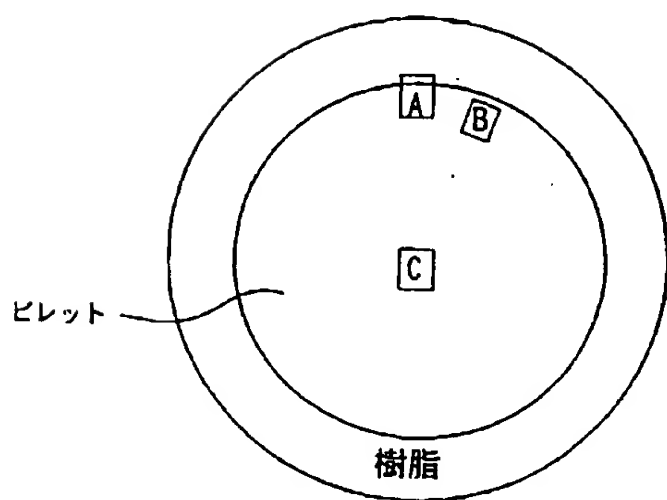


FIG. 21



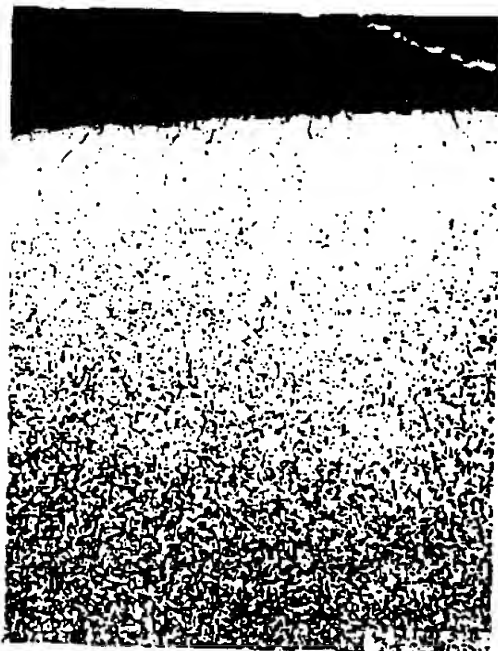
マルテンサイト化材  
球状化焼鈍パターン2後  
x 2. 1

(a)



(b)

FIG. 22



球状化焼鈍パターン2後  
表面部×100

FIG. 23



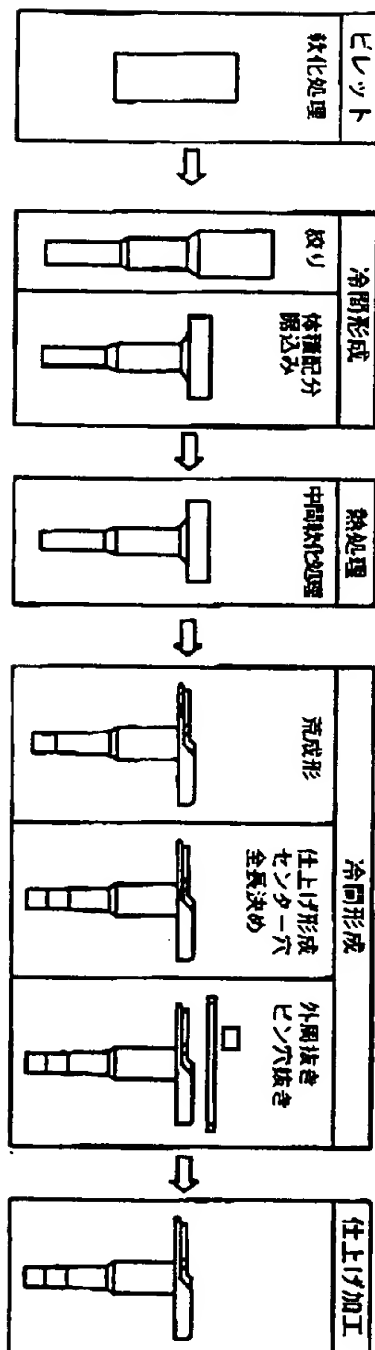
球状化焼鈍パターン2後  
表面部×400

Figure	Figure Description	Figure Title
Figure 1	Flowchart of the study design. The study was a randomized controlled trial. The intervention group received a 12-week program of supervised exercise and education. The control group received a 12-week program of supervised exercise and education. The primary outcome was the change in the number of falls. The secondary outcome was the change in the number of falls resulting in injury.	Flowchart of the study design
Figure 2	Bar chart showing the number of falls in the intervention and control groups. The intervention group had a significantly lower number of falls compared to the control group.	Number of falls in the intervention and control groups
Figure 3	Bar chart showing the number of falls resulting in injury in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury compared to the control group.	Number of falls resulting in injury in the intervention and control groups
Figure 4	Bar chart showing the number of falls resulting in injury requiring medical attention in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury requiring medical attention compared to the control group.	Number of falls resulting in injury requiring medical attention in the intervention and control groups
Figure 5	Bar chart showing the number of falls resulting in injury requiring hospitalization in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury requiring hospitalization compared to the control group.	Number of falls resulting in injury requiring hospitalization in the intervention and control groups
Figure 6	Bar chart showing the number of falls resulting in injury requiring nursing home admission in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury requiring nursing home admission compared to the control group.	Number of falls resulting in injury requiring nursing home admission in the intervention and control groups
Figure 7	Bar chart showing the number of falls resulting in injury requiring long-term care in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury requiring long-term care compared to the control group.	Number of falls resulting in injury requiring long-term care in the intervention and control groups
Figure 8	Bar chart showing the number of falls resulting in injury requiring death in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury requiring death compared to the control group.	Number of falls resulting in injury requiring death in the intervention and control groups
Figure 9	Bar chart showing the number of falls resulting in injury requiring death in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury requiring death compared to the control group.	Number of falls resulting in injury requiring death in the intervention and control groups
Figure 10	Bar chart showing the number of falls resulting in injury requiring death in the intervention and control groups. The intervention group had a significantly lower number of falls resulting in injury requiring death compared to the control group.	Number of falls resulting in injury requiring death in the intervention and control groups



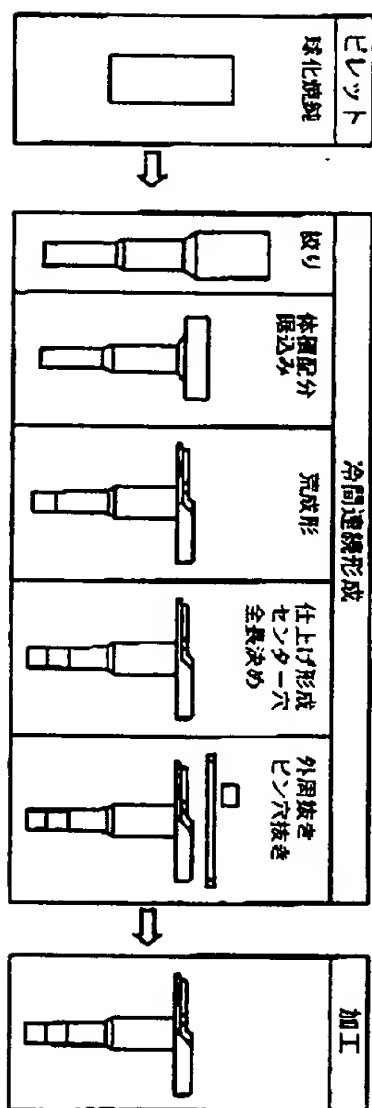
1 / 2 R部 x 400

FIG. 25



09575349.054900

FIG. 26



09575348, 0954900

FIG. 27

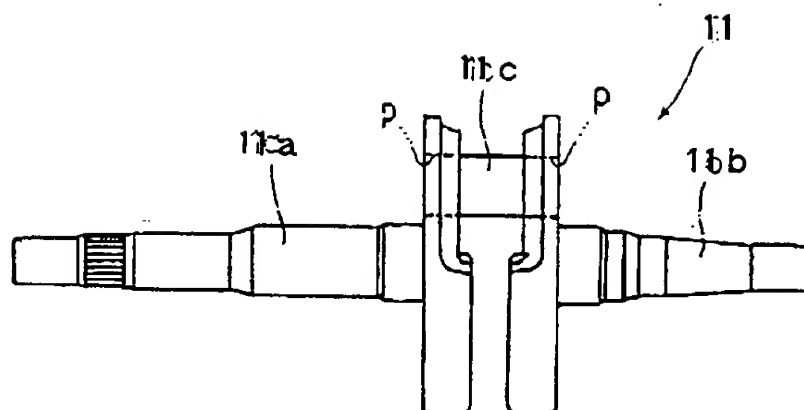


FIG. 28

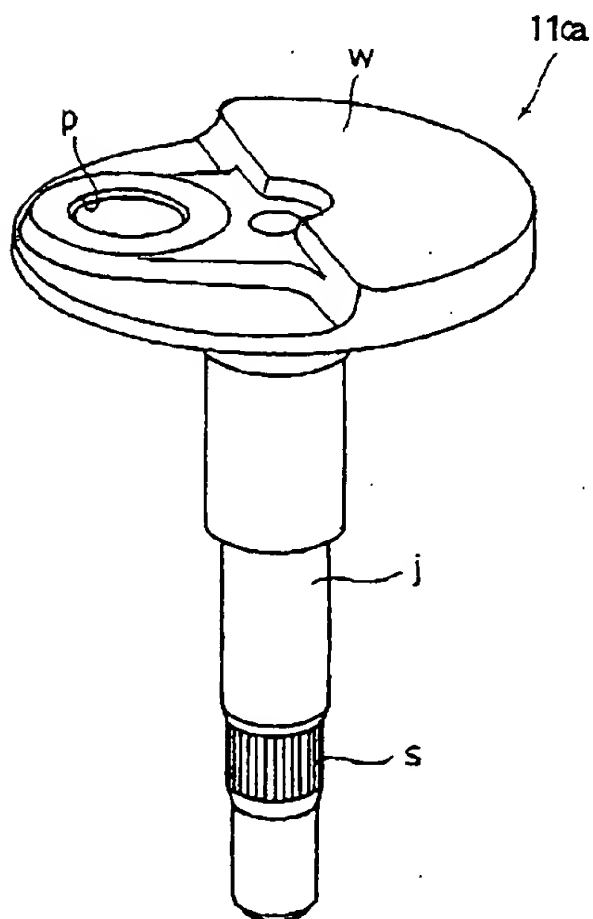
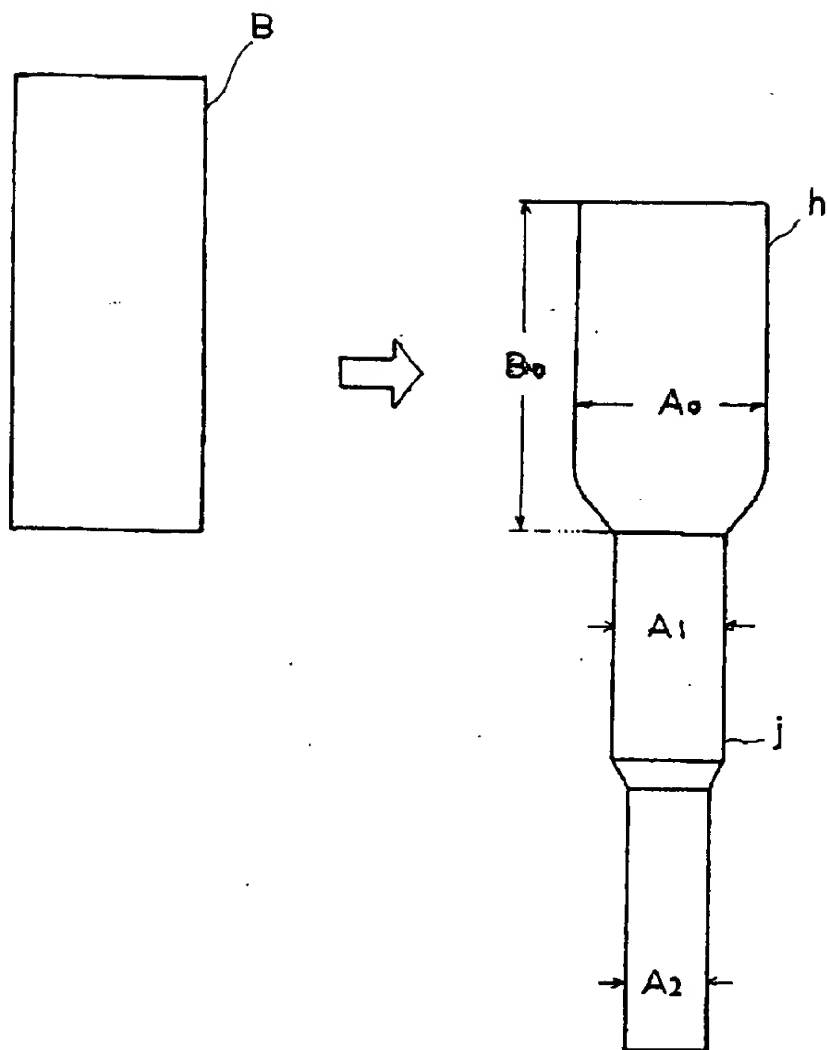


FIG. 29

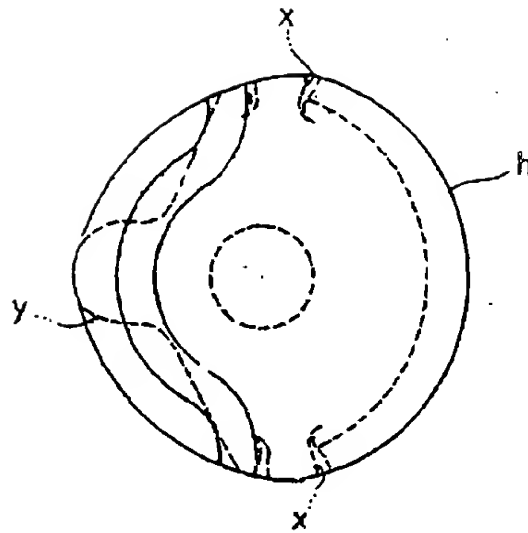


(a)

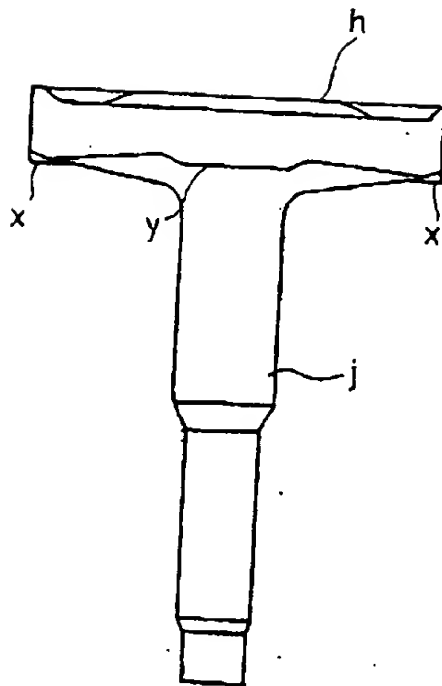
(b)



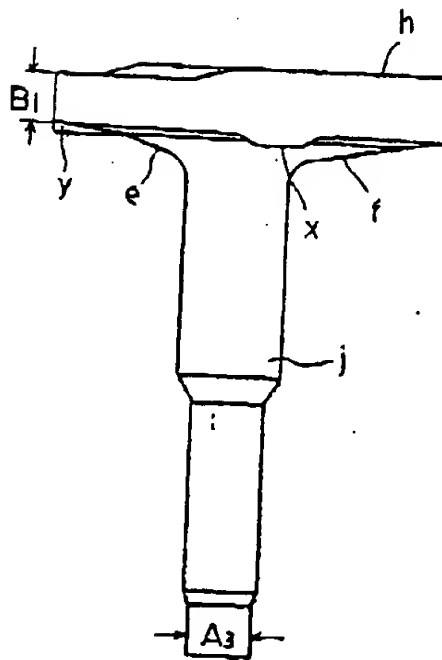
FIG. 30



(a)



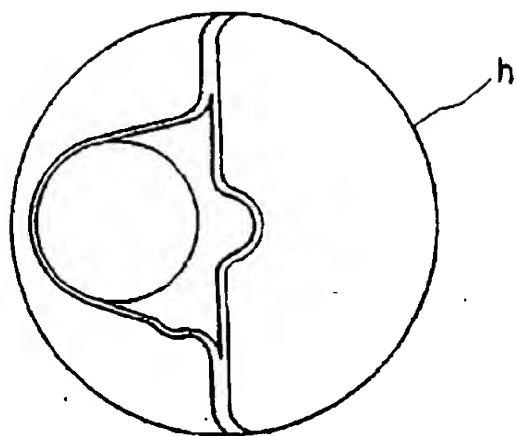
(b)



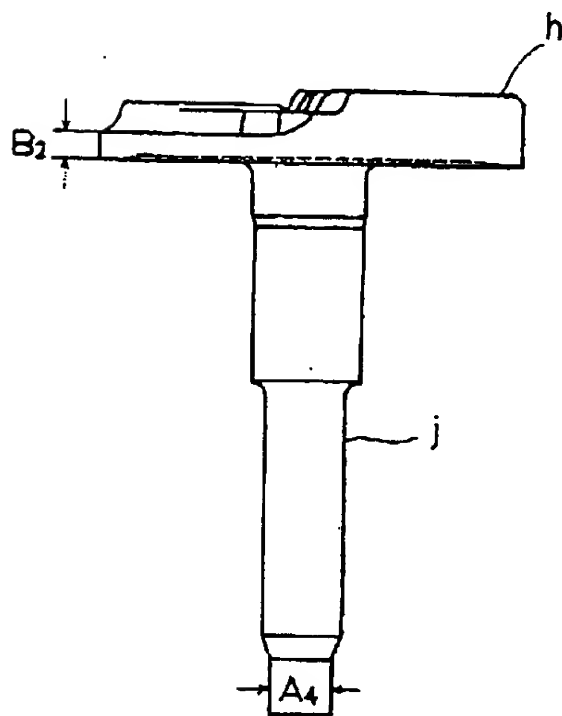
(c)

006755-812500

FIG. 31

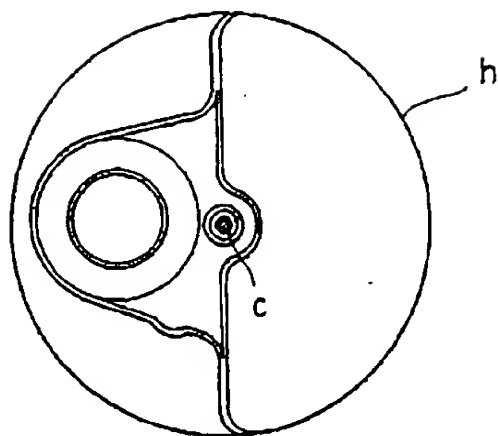


(a)

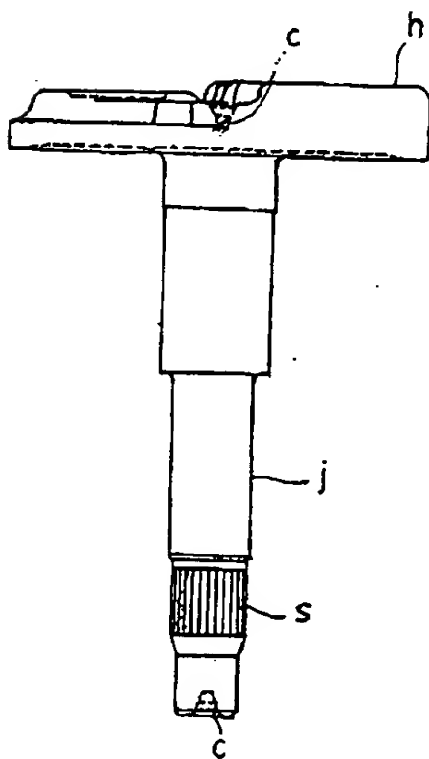


(b)

FIG. 32

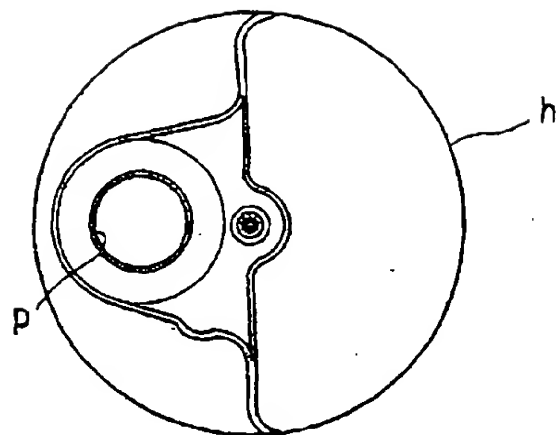


(a)

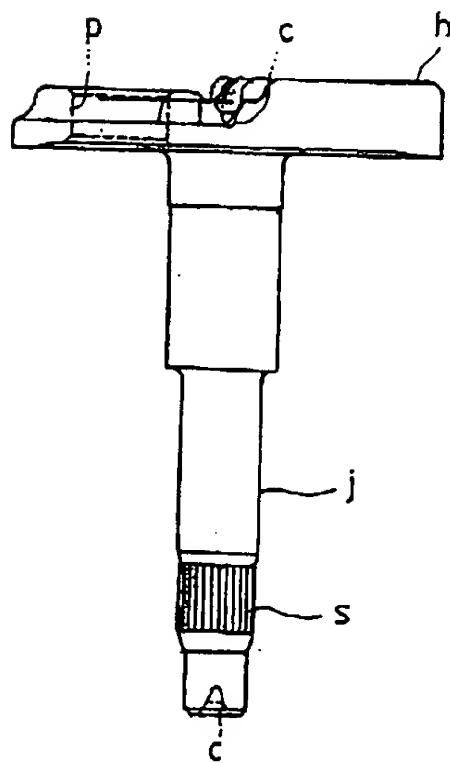


(b)

FIG. 33



(a)

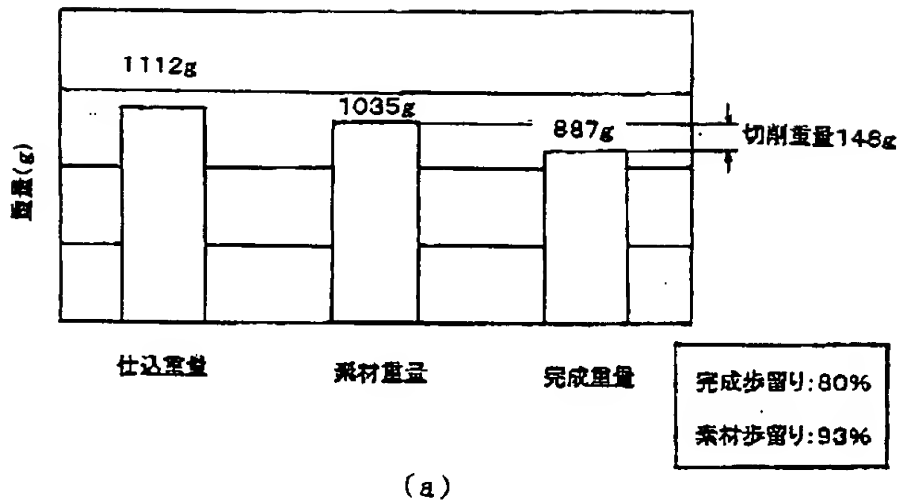


(b)

006750-645250

[illegible]

(本発明の冷間鍛造方法)



(b)

(従来の冷間鍛造方法)

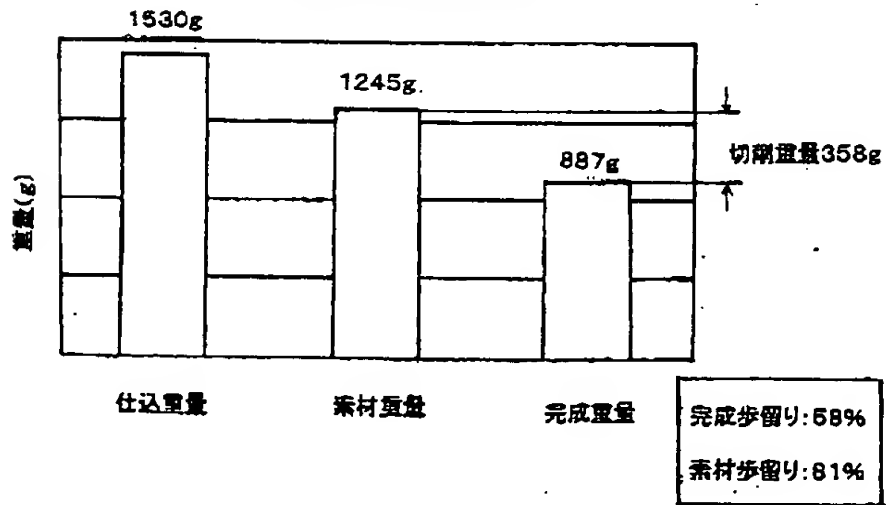
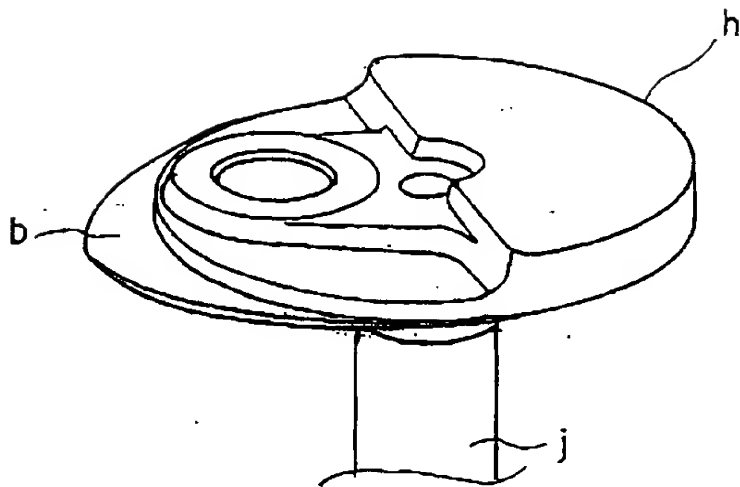
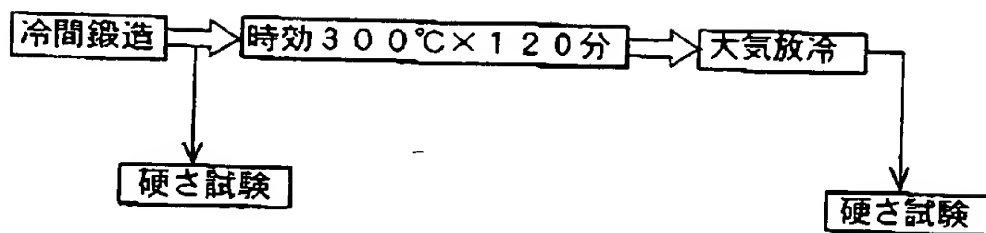


FIG. 35

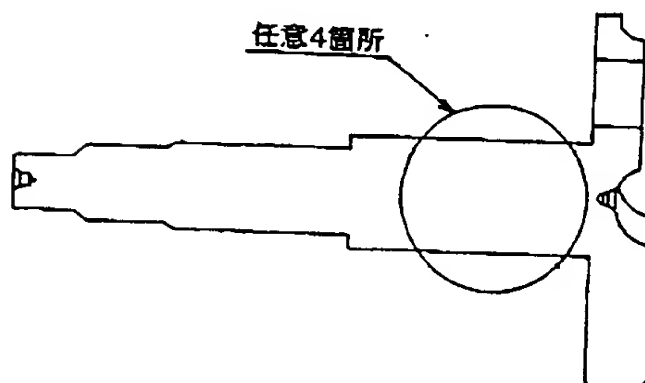


000750-04852960

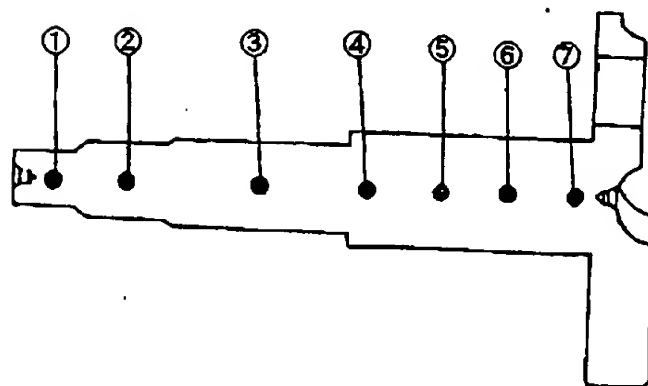
FIG. 36



(a)



(b)

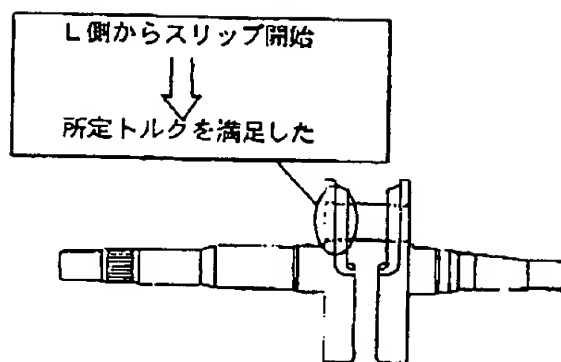


(c)

0000750-01E54360

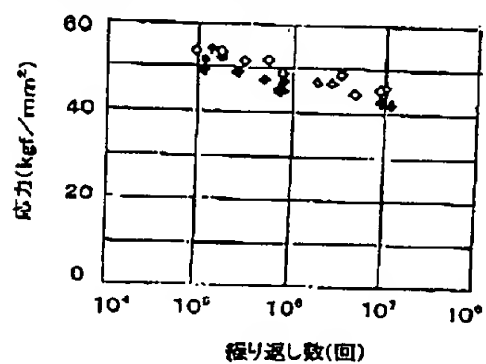
FIG. 37

スリップトルク



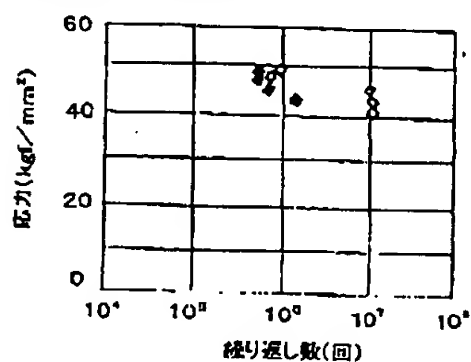
(a)

S-N曲線(回転曲げ疲労試験)



(b)

S-N曲線(実体曲げ疲労試験)



(c)



FIG. 38

006750-815/566

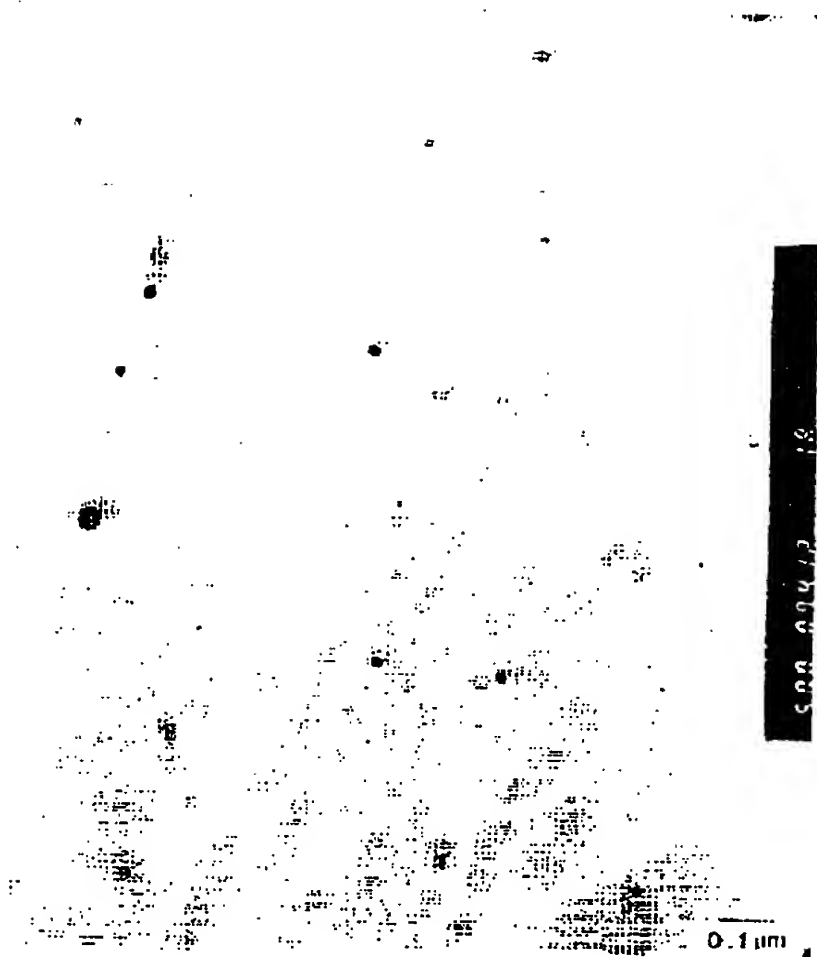


FIG. 39

006F50\* 01252500



FIG. 40

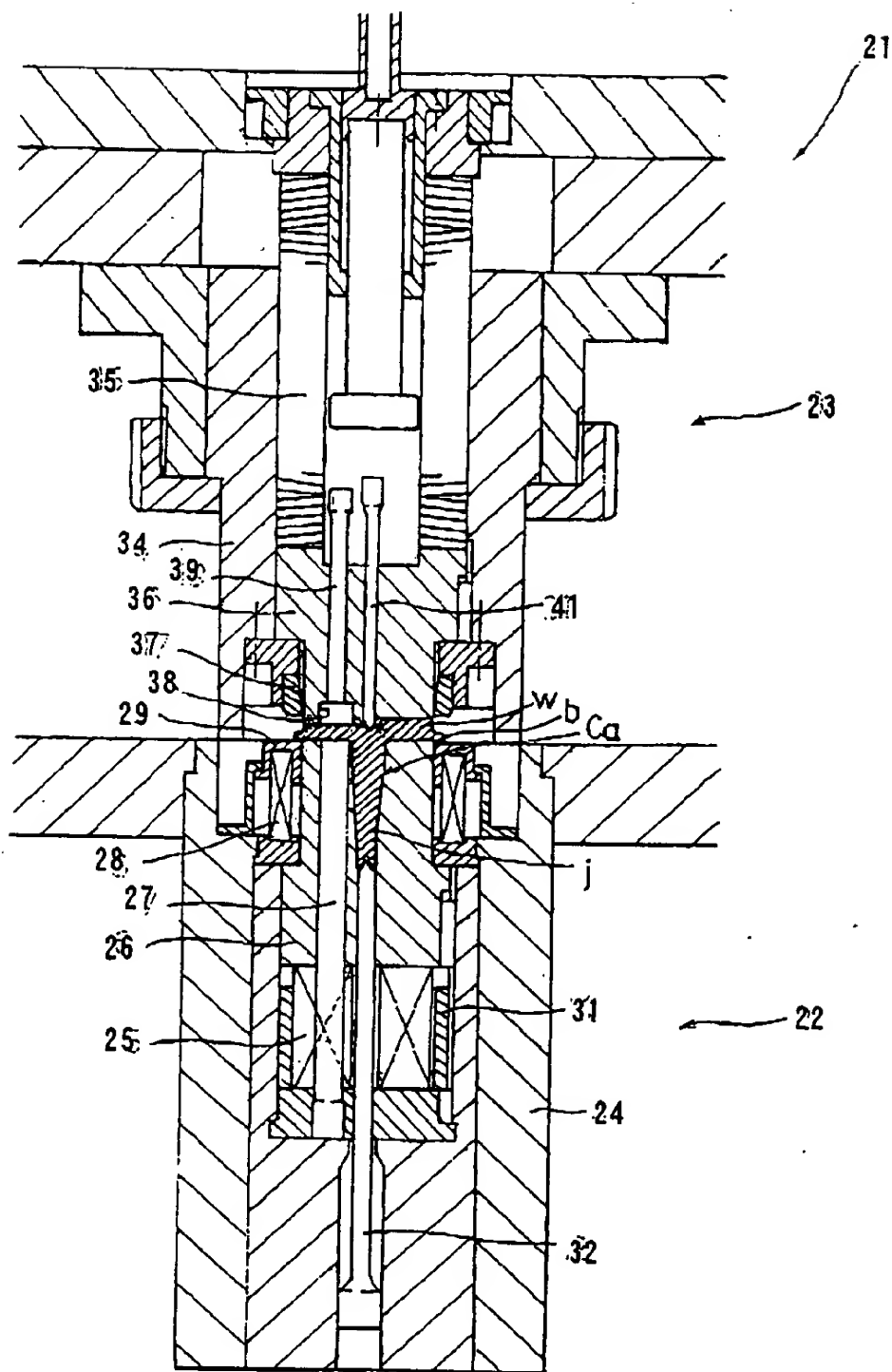
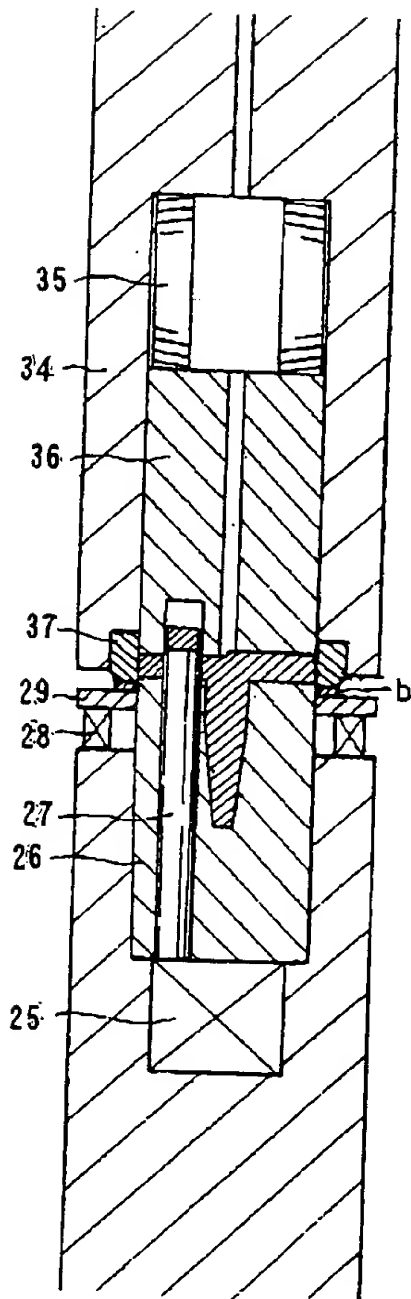
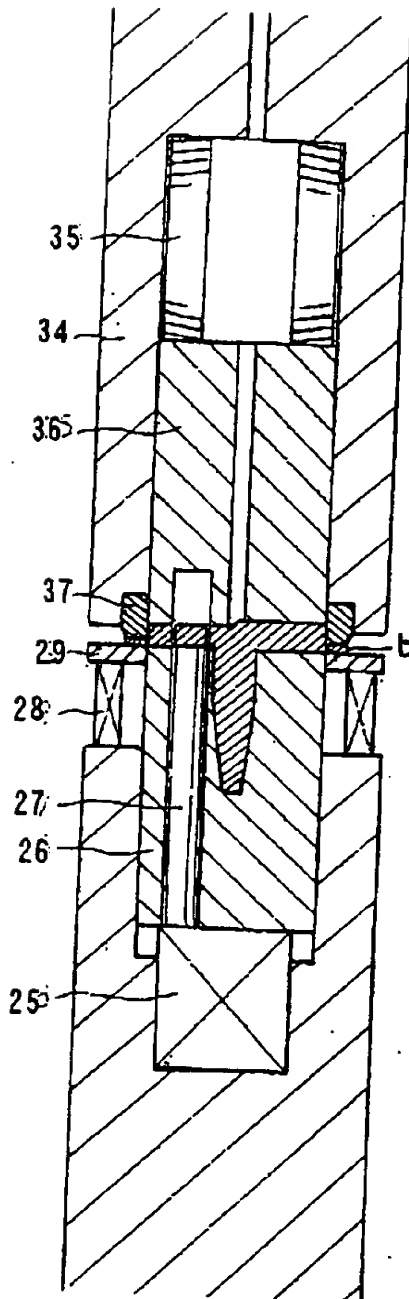




FIG. 42

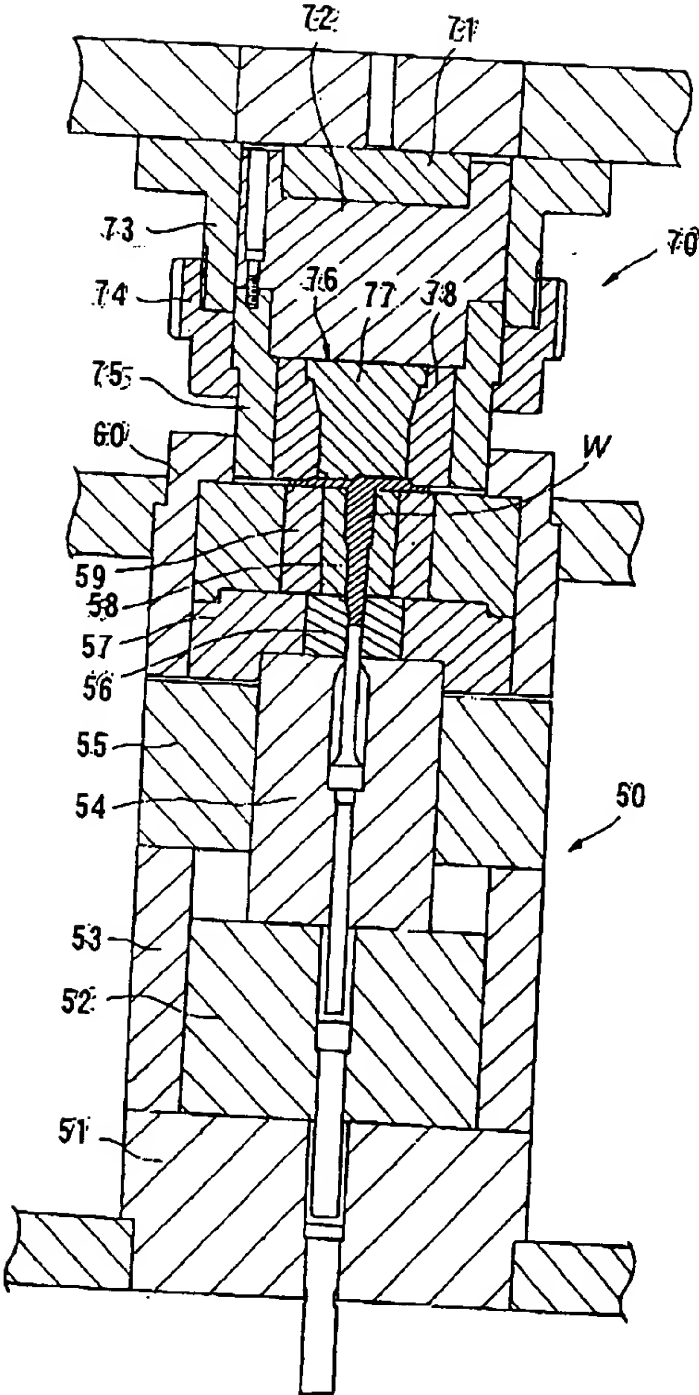


(a)



(b)

FIG. 43





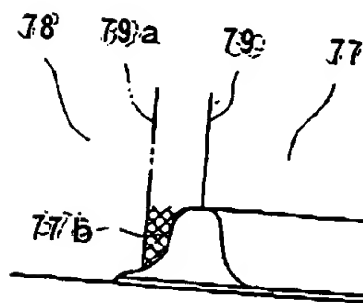
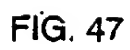
[illegible]



FIG. 48

